



## Invention Disclosure

Sheet 04 of 40

Inventor: Curtis Jude Martin  
Address: 1640 Franklin Avenue - Kent, Ohio 44240-4383 - USA  
Title of Invention: E.V.E. emergency vehicle environment

RECEIVED

AUG 29 2003

Technology Center 2600

┌

### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

This invention creates an Emergency Vehicle Environment ("EVE") for unobstructing the path of emergency vehicles resulting in increased response times and safety. This Emergency Vehicle Environment is intentionally created with small, inexpensive, dedicated-channel, analog-based, FM radio devices. The receiving devices include a stand-alone, miniature, dedicated-channel, analog-based, FM radio receiver placed in (such as on the dashboard) a non-emergency vehicle (hereinafter the "EVE Mini-Receiver"), an integrated, miniature, dedicated-channel, analog-based, FM radio receiver placed in (such as in the dashboard) a non-emergency vehicle (hereinafter the "EVE Icon-Receiver"), and a dedicated-channel, analog-based, FM radio receiver housed in a conventional traffic light fixture or similarly appearing

└

Inventor: Curtis J. Martin Date: 08/26/03

Application/Control No.:  
10/002,569

The above confidential information is Witnessed and Understood:

Ron Ambrogio Date: 8/26/03

Group Art Unit: 2632

Walter D. ... Date: 8/26/03

Examiner: Daniel Previl

## Invention Disclosure

Sheet 05 of 40

Inventor: Curtis Jude Martin  
Address: 1640 Franklin Avenue - Kent, Ohio 44240-4383 - USA  
Title of Invention: E.V.E. emergency vehicle environment

┌  
fixture (hereinafter the "EVE Traffic-Receiver"). These EVE  
Receivers actuate an intermittent (blinking or strobe), warning  
light when a signal is transmitted from a dedicated-channel,  
analog-based, FM radio transmitter placed in the interior (such  
as on the dashboard) or on the exterior (such as the light bar)  
of an emergency vehicle (hereinafter the "EVE Transmitter"). The  
EVE Transmitter is manually activated, or by employing its  
condenser microphone, automatically actuated by the use of the  
siren in the emergency vehicle. The EVE Transmitter controls its  
transmission signal by employing an accelerometer and a  
directional antenna.

The current system for clearing the path of emergency vehicles  
is the combined use of sirens and flashers. The sirens are not  
heard until the emergency vehicle is very close, if at all; The  
flashers are not seen by drivers going the same direction until  
rear view mirrors are checked, if at all. The present invention

└

Inventor: Curtis J. Martin Date: 08/26/03

Application/Control No.:  
10/002,569

The above confidential information is Witnessed and Understood:

Ron Ambrogio Date: 8/26/03

Group Art Unit: 2632

Walt Date: 8/26/03

Examiner: Daniel Previl